

Atty Dkt. No.: STAN-186CON  
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8. (Previously Presented) The method according to Claim 4, wherein said enclosure has a pressure ranging from about -20 to -80 mm Hg.

9. (Original) The method according to Claim 1, wherein said warm temperature medium has a temperature ranging from about 44 to 48 °C.

10. (Original) The method according to Claim 1, wherein said period of time ranges from about 1 to 600 min.

11. (Original) The method according to Claim 1, wherein said mammal is a human.

12. (Currently Amended) A method comprising:

(a) monitoring ~~said a~~ mammal during a temporal duration of at least about 60 minutes under cold conditions for the presence of a thermoregulatory error by detecting the presence of vasoconstriction in said mammal;

(b) contacting a surface of an enclosed portion of said mammal in response to the presence of said thermoregulatory error with a warm temperature medium under negative pressure conditions for a period of time sufficient to introduce thermal energy into the core body of said mammal; and

(c) maintaining a substantially constant core body temperature of said mammal under said cold conditions by maintaining the contact with said warm temperature medium.

13. (Cancelled)

14. (Previously Presented) The method according to Claim 12, wherein said method further comprises at least partially enclosing said portion of said mammal in a sealed enclosure to produce an enclosed portion of said mammal.

15. (Original) The method according to Claim 12, wherein said portion of said mammal is a limb or a portion thereof.

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16. (Original) The method according to Claim 15, wherein said limb is selected from the group consisting of an arm and a leg.

17. (Previously Presented) The method according to Claim 14, wherein said enclosure has a pressure ranging from about -20 to -80 mm Hg.

18. (Original) The method according to Claim 12, wherein said warm temperature medium has a temperature ranging from about 44 to 48 °C.

19. (Previously Presented) The method according to Claim 12, wherein said period of time ranges from about 60 to 600 min.

20. (Original) The method according to Claim 12, wherein said mammal is a human.

21. (Currently Amended) A method comprising:

(a) monitoring ~~said a~~ mammal during a temporal duration of at least about 60 minutes under cold conditions for the presence of a vasoconstriction to detect a requirement for thermal energy input; and

(b) contacting a surface of an enclosed portion of said mammal in response to the presence of said vasoconstriction with a warm temperature medium under negative pressure conditions ranging from about -20 to -80 mm Hg for a period of time ranging from about 1 to 600 min;

(c) maintaining a substantially constant core body temperature of said mammal under said cold conditions by maintaining the contact with said warm temperature medium.

22. (Currently Amended) A device for introducing thermal energy into the core body of a mammal under cold conditions, said device comprising:

(a) a means for detecting a requirement for thermal energy input in said mammal by detecting the presence of vasoconstriction in said mammal;

(b) an enclosure for at least partially enclosing a portion of said mammal;

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- (c) a negative pressure generator; and
- (d) a warmer.

23. (Original) The device according to Claim 22, wherein said portion of said mammal is a limb or portion thereof.

24. (Original) The device according to Claim 23, wherein said limb is selected from the group consisting of an arm and a leg.

25. (Original) The device according to Claim 22, wherein said means for detecting a requirement for thermal energy input in said mammal is a means for detecting a thermoregulatory error in said mammal.

26. (Original) The device according to Claim 25, wherein said means for detecting a requirement for thermal energy input in said mammal is a vasoconstriction detecting means.

27. (Previously Presented) The device according to Claim 22, wherein said negative pressure generator is capable of producing a negative pressure ranging from about -20 to -80 mm Hg.

28. (Original) The device according to Claim 22, wherein said mammal is a human.

29. (Previously Presented) The device according to Claim 22, wherein said enclosure has a configuration selected from the group consisting of a sleeve, a glove and a boot.

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Claim 3 have been incorporated into all of the pending claims. As such, this rejection may be withdrawn.

Finally, Claims 8, 9, 17, 18, 21 and 27 have been rejected under 35 U.S.C. §103(a) as being obvious over Borders. Without in any way agreeing with the Patent Office and solely in order to expedite prosecution of the present application, the limitations of Claim 3 have been incorporated into all of the pending claims. As such, this rejection may be withdrawn.